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(71) Applicant (for all designated States except US): **EICES
RESEARCH, INC.** [US/US]; 101 Chalon Drive, Cary, NC
27511 (US).

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(72) Inventor; and
(75) Inventor/Applicant (for US only): **KARABINIS, Peter, D.** [US/US]; 101 Chalon Drive, Cary, NC 27511 (US).
(74) Agent: **BIGEL, Mitchell, S.**; Myers, Bigel, Sibley & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(54) Title: A COOPERATIVE VEHICULAR IDENTIFICATION SYSTEM

(57) Abstract: Cooperative Vehicular Identification Systems and Methods, capable of monitoring and recording vehicular law violations, with the assistance and cooperation of the vehicles in violation, are disclosed. Real-time information from vehicular sensors is communicated to a Central Processing Unit (CPU). Strategically located Interrogator devices, on roads/highways, at intersections, in and around school zones, integrated with traffic lights, etc., issue inquiries/interrogations to passing-by vehicles. Vehicles proximate to such Interrogators respond with unique identifying information and with parameter lists provided by their vehicular sensors. Each Interrogator inquiry can provide data, including the lawful parameter limits (i.e. speed limit) associated with its location. In response to having successfully decoded an inquiry, and in response to the state of its vehicular sensors, a vehicular Transponder may transmit information to the specific Interrogator that has issued an inquiry. The Interrogator then relays relevant identifying information to the CPU for further processing.

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